

Memorandum

DATE:

JUL 03 2008

REPLY TO
ATTN OF:

EM-63 (Dr. James M. Shuler, 301-903-5513)

SUBJECT:

Authorization for Shipment of Fourteen Items Exceeding Pu-242 Weight Percent in Model 9975-85 Packages

TO:

David Brockman, Manager, Richland Operations Office

This memorandum is in reference to the May 29, 2008, Memorandum Request for Approval of Plutonium Finishing Plant Technical Justification for Amending the 9975 Safety Analysis Report for Packaging (SARP) to include Fourteen Items Exceeding Plutonium 242 Weight Percent Limit, HNF-3723, Revision 0. The Department of Energy (DOE) Packaging Certification Program (PCP) has completed the review of your request.


The 14 affected Model 9975-85 Packages have less than 1 kg of plutonium and a maximum of 92 g of Pu-242, compared to the 220g that would have been allowed for a full, 2.2-kg shipment. Given the situation, the 14 Model 9975-85 Packages with Pu-242 in excess of the five percent by weight allowed in the CoC will not impact safety from either a radiological or criticality standpoint, assuming all other conditions remain unchanged.

Your request of May 29, 2008, to allow shipment of these 14 Model 9975-85 Packages with Pu-242 in excess of the five percent weight allowed in the CoC is approved. All other conditions of COC USA/9975/B(M)F-85(DOE) apply. This authorization expires on June 30, 2009.

Your request to amend the 9975 SARP to increase the Weight Percent and update the Certificate of Compliance is being sent to the certificate holder, the Savannah River Operations Office, and Savannah River National Laboratory for their consideration and potential action.

If you have any further questions, please call Dr. James M. Shuler at (301) 903-5513.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dae Y. Chung', with a large, stylized initial 'D' and a long horizontal stroke.

Dae Y. Chung

Headquarters Certifying Official
Deputy Assistant Secretary for
Safety Management and Operations
Environmental Management

cc:

James M. Shuler, EM-63
Suzanne E. Clarke, RL
Sunil S. Patel, EM-3.2
Al DiSabatino, LLNL
Steve Bellamy, SRNL